February 28, 2011

Bobby K Perritt BANKS CONSTRUCTION CO PO BOX 71505 NORTH CHARLESTON SC 29415

Re: Authorization of Granted Coverage to Operate Under the Terms and Conditions of General

Conditional Major Operating Permit (GCMP-03) "Hot Mix Asphalt Plants"

BANKS CONSTRUCTION CO Dorchester County, South Carolina GCM03-9900-0461

Dear Mr. Perritt:

The South Carolina Department of Health and Environmental Control (DHEC), Bureau of Air Quality, has completed review of the permit application submitted by BANKS CONSTRUCTION CO for coverage to operate under the terms and conditions of General Conditional Major Operating Permit (GCMP-03) "Hot Mix Asphalt Plants." The Department has determined that this facility complies with the requirements of the referenced permit and is therefore being granted coverage to operate under this general permit pursuant to South Carolina Regulation 61-62.1, Section II(G)(7). This permit decision is subject to and conditioned upon the terms, limitations, standards and schedules contained in, or specified on, the general permit.

Authorization of general permit coverage is a permit action for purposes of administrative review. Any affected person who wishes to appeal this permit decision may file a request for final review. Procedures for DHEC Board review of permit decisions are outlined in the enclosed *Notice of Appeal Procedure*. Additional information regarding appeal procedures is available from DHEC's Clerk of the Board at the below DHEC address or by calling (803) 898-3393.

Enclosed with this letter is a copy of General Conditional Major Operating Permit (GCMP-03) "Hot Mix Asphalt Plants." Also enclosed are the "Record of Revisions" and "General Information" pages for this permit. These pages serve as documentation of your facility's individual coverage under this permit and should be kept with all other relative permit documents. If at any time this information should need to be updated, or if the facility is in need of a permit modification, these pages will be revised and replaced by the Bureau. Your permit writer should be promptly notified of any updates, changes or proposed modifications at the facility. Please note for future reference and tracking purposes your facility has been assigned General Permit Identification Number GCM03-9900-0461.

Mr Bobby K Perritt February 28, 2011 Page 2

The facility's coverage to operate under the terms and conditions of this general permit will expire on January 31, 2012. The Bureau requests that the permittee submit an application for renewal of coverage within six (6) months prior to this expiration date. At that time, the facility may be inspected by the Department in deciding if permit coverage will be renewed. The past record and future probability of compliance will be given appropriate weight when making a decision regarding renewal of coverage.

Should you have any questions concerning this general permit or your facility's coverage to operate, please contact your permit writer, Christopher D Hardee, of this office, at 803-898-0039, within fifteen (15) days of receipt of this letter.

Sincerely,

Elizabeth J. Basil, Director Engineering Services Division

Bureau of Air Quality

Enclosures

cc: Christopher D Hardee, BAQ

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Wendy M Boswell, Region 7, Charleston EQC Office

Permit File: 9900-0461

## GENERAL CONDITIONAL MAJOR OPERATING PERMIT (GCMP-03) HOT MIX ASPHALT PLANTS GENERAL PERMIT IDENTIFICATION #GCM03-9900-0461 GENERAL INFORMATION PAGE 3 OF 5

#### A. <u>FACILITY MAILING ADDRESS</u>:

COMPANY NAME : BANKS CONSTRUCTION CO

ADDRESS : PO BOX 71505

CITY, STATE, ZIP : NORTH CHARLESTON SC 29415

#### B. FACILITY CONTACT / LOCATION INFORMATION:

RESPONSIBLE CONTACT : Mr. Bobby K Perritt

FACILITY TELEPHONE NUMBER : 843-371-0720

FACILITY LOCATION : 101 Mellichamp Rd Hwy 78 W, Summerville

COUNTY : Dorchester

### C. <u>APPLICABLE PERMIT DATES</u>:

ISSUE DATE : February 1, 2007 EFFECTIVE COVERAGE DATE : April 1, 2011 EXPIRATION DATE : January 31, 2012 APPLICATION RENEWAL DATE : October 31, 2011

### D. <u>SOURCE IDENTIFICATION</u>:

| <b>Emission Unit ID</b> | Equipment Description  | Control Device                     |
|-------------------------|--|------------------------------------|
| 01                      | 400 ton/hr ASTEC PDDC-835C drum mix asphalt plant (01A), 125x10 <sup>6</sup> BTU/hr Hauck Starjet SJ580 burner fired on natural gas, No. 2 fuel oil (max. 0.5 weight % S), or waste oil (max. 0.5 weight % S) (01B), HMA Storage Silos (01C) | ASTEC PBH-65-DB/SP baghouse (CD01) |
| 02                      | Lime Silo (02A)  | Baghouse (CD02)                    |

#### E. <u>EXEMPT EQUIPMENT OR PROCESSES</u>:

| ID | Description (Exemption Date)                             | Basis                       |
|----|--|-----------------------------|
| ٨  | 30,000 gallon asphalt cement storage tank (Nov 08, 2005) | SC Regulation 62.1, Section |
| A  |  | II(B)(2)(h)                 |

# GENERAL CONDITIONAL MAJOR OPERATING PERMIT (GCMP-03) HOT MIX ASPHALT PLANTS GENERAL PERMIT IDENTIFICATION #GCM03-9900-0461 GENERAL INFORMATION PAGE 4 OF 5

| ID | Description (Exemption Date)   | Basis                                   |
|----|--|---|
| В  | 1.2x10 <sup>6</sup> BTU/hr Heatec HT-30P fired on natural gas, No. 2 fuel oil (max. 0.5 weight % S), or waste oil (max. 0.5 weight % S) (Nov 08, 2005) | SC Regulation 62.1, Section II(B)(2)(a) |

## F. <u>CONDITIONS</u>:

| Condition<br>Number | Equipment<br>ID | Conditions  |
|---------------------|-----------------|---|
| 1                   | N/A             | On September 29, 2009 this plant was tested at an average production rate of 338 tons per hour and an aggregate moisture content of 2.50%. The average particulate emission during the testing was 0.0058 grains per dry standard cubic foot. This combination of operating conditions has been shown to meet the requirements of this office through testing and is considered acceptable operation of the plant. Following the Guidance Document titled "Source testing for Asphalt Production" dated March 15, 2001, written by this Bureau, this facility will need to be limited to 389 tons/hour. Increase in the production rate up to the rated production of 400 TPH would require further testing to show compliance. |

# GENERAL CONDITIONAL MAJOR OPERATING PERMIT (GCMP-03) HOT MIX ASPHALT PLANTS GENERAL PERMIT IDENTIFICATION #GCM03-9900-0461 RECORD OF REVISIONS PAGE 5 OF 5

| Revision | Final Revision | Description of Change                                   |
|----------|----------------|---|
| Number   | Date           | (Specific Parts, Sections, and Tables Revised or Added) |
|          |                |   |

Send copies of all revisions to Permit File, Main File, Regional EQC Office, EPA, and Facility Contact.